

AUTOMATED BUILDER 1995 EDITORIAL INDEX

Following is an index of feature articles that appeared in the January through December 1994 Editions of *Automated Builder*.

KEY: Roman numerals in parenthesis before each item indicate the type of company covered in the articles: (I) Production Builder, (II) Panelized Home Manufacturer, (III) HUD-Code (Mobile) Home Manufacturer, (IV) Modular Home Manufacturer, (V) Component Manufacturer, (VI) Commercial Building (Special Unit) Manufacturer, (VII) Dealer/Builders. Some firms operate more than one kind of business—in this index they are classified according to the article's content.

Back issues and reprints of articles are available from *Automated Builder* while supplies last. If requested articles are more than six months old, copies are more easily obtained for a nominal charge from *Automated Builder*'s microfilm service. Contact: University Microfilms, 300 N. Zeeb Rd., Ann Arbor, MI 48106-1346. Telephone: (313) 761-4700.

JANUARY 1995 (Vol. 32, No. 1)

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(V) Special section covering the 1994 Building Component Manufacturers Conference.

WTCMA's BCMC '94 Expo Is Great Success 9

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ASI, WTCMA Pick Trailer Winner at BCMC 12

ASI Industries and the WTCMA conducted a drawing for a \$38,000 component trailer at BCMC '94.

ASI Honors Art DePauw—Save Inventor 12

ASI's Dale Fenton at BCMC '94 presented a plaque to Art DePauw to honor DePauw's lifetime contributions in component machinery.

John Meeks Preaches About Proper Truss Bracing 14

At BCMC '94, noted forensic engineer John Meeks, P.E., presented a seminar covering the importance of proper truss bracing.

Component Industry Suppliers Display Products 16

The exhibit hall at BCMC '94 featured some of the biggest suppliers to the component industry.

McAfee Mfg. Building Homes, Futures, Communities 26

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Custom Builder Symposium, NAHB Look at Computers 29

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Exclusive State of the Industry Report 30

Independent survey indicates industrialized housing production surged last year. Modular producers reported 20% rise; panelizers, 14%; and production builders noted a 13% climb.

Builders, Exhibitors Praise BSC's Showcase '94 33

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Editor & Publisher Don O. Carlson offers second report on his recent housing study mission to Japan.

Shelter Systems Hits \$10 Million in Foreign Trade 17

(II) (V) Completing its seventh year in the housing export business, last year Shelter Systems, Hainesport, NJ, passed a \$10 million annual goal in foreign sales.

"Roof Jack" Speeds Up Setting Roofs on Modulars 18

(IV) Fast, economical way for raising roof sections of modular homes at building site.

Survey: Special Unit Production Reached 162,000 in 1994 20

(VI) Special unit production for 1994 is estimated at 162,000, a 9% rise from the previous year. The forecast calls for another 9% rise in 1995.

AAB Building System's Territory Keeps Growing 22

(V) Canadian firm's insulated concrete forming system is now available around the world.

Single-Screw Locksets Install Easy as Light Bulbs 44

Revolutionary plastic locksets from Pacific Hardware Sales, Buena Park, CA, install quickly.

Porter Components Combine Adhesive, Fasteners 46

(V) These beams and headers are fabricated by bonding doweled lumber chords to OSB webs or other engineered wood products.

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(II) (V) The American Panel Systems division of Memco Systems, Saco, ME, is marketing a portable wall panel shop, "Cell646."

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(III) Organizers expect about 1,200 people at the National Manufactured Housing Congress.

Harrisburg Show Featuring New Hours, OEM Expo 53

(III) (IV) Preview of Pennsylvania Factory-Built Housing Show, March 14-18, in Harrisburg, PA.

Reports From Companies Making Industrialized Housing Go!

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More than 65,000 builders met in Houston January 27-30 for the organization's 51st-annual convention and exposition.

URSA Structural Systems Enjoying Steady Growth 16

(V) In less than four years this foam-core panel producer has gone from a small company to generating \$3 million in annual gross sales.

Japan Offers More Advice for American Exporters 18

An offering from Japan's Tokyo Home Corp. tells American companies how to start exporting home packages to Japan.

Modulars Keep Airport Open During Renovation 22

(VI) Arthur Building Systems manufactured 56 modulars for a temporary terminal at Rhode Island's T.F. Green State Airport.

Supply Distributor: Service is Key to Success 27

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"House Jack" System Lifts, Sets Modulars 33

(IV) (VI) Modular manufacturers are discovering that the "House Jack" system provides an easy way to move modular units.

Special Unit Producers Report \$417.6 Million GSV 36

(VI) *Automated Builder* surveys modular and panelized commercial building producers about last year's production.

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(IV) Winchester Modular Homes Inc. invites builders to open house at its factory in Wingdale, NY.

Schuck Components Erects Steel-Frame Demo 41

(V) The wood component producer doesn't like the results, though.

APRIL 1995 (Vol. 32, No. 4)

ON THE COVER—(Left photo: (L-R) Kevin Ezard of Ezjoin, and Mark Dean behind stack of "Musclebeams." Right photo: (L-R) At Pyda offices are: Chris Rogers, Pyda managing director; Gerald Waldron, David Lloyd and Jeremy Hunter, all with a Pyda sister company called Able Cooke; U.S. visitor Tommy Wood, president, ComSoft, Inc.; and Alan Kearon, Pyda national fabricators services manager. See Page 12.

"Ezjoin" System Helps Aussies Stretch Wood Resources 12

(V) Lumber joining system makes longs from shims, wide from narrow.

Pryda: Major Player in Australian Component Industry 15

(V) Pryda (Aust.) Pty. Ltd. is a major player in the Australian component industry.

School Completes First Tests on Foam-Core House 18

(II) The University of Oregon reported that the structure's first-cost competes with that of a similar wood-frame structure.

Japan's Sekisui House Unveils R&D Center 24

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Anthony Forest Products Opens Plant in Georgia 52

(V) Anthony Forest Products Co. last month opened a new laminated beam plant in Washington, GA.

"Constructed Wetlands": Alternative for Treating Sewage 58

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Kristelle Petersen Passes Away in March 65

She was regarded by in-plant and site builders alike as an expert in marketing homes.

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Japan's Misawa Building 45,000 Homes Annually 10

(II) *Automated Builder* Editor & Publisher Don O. Carlson provides a first-hand look inside this classy producer of panelized homes.

Modular Building Institute Enjoys Record Growth 16

(VI) Commercial modular producers hold annual convention in San Diego and learn membership is at all-time high.

Australia: Spectacular Land, Friendly People 20

Automated Builder Editor & Publisher Don O. Carlson looks back at his recent housing study mission to Australia. He reports on Australians' unique approaches to building and unique jargon.

Truss Webs Doubles as "Noggings" in Australia 22

(V) Butt-cuts on diagonal webs in floor trusses let pre-cut members serve two functions for panelizer.

Inner-City Housing Factory Movement Forges Ahead 24

Members of the Automated Builders Consortium are busy across the nation, working to establish housing factories inside America's inner cities to help alleviate urban blight and poverty.

Metric in Construction Is Back, This Time to Stay 32

William A. Brenner, AIA, executive director of NIBS' Construction Metrication Council tells industrialized builders that it's time to get ready for converting to metric measurements.

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(IV) Results from *Automated Builder's* annual survey of North America's top residential modular producers.

Consultant: Success Overseas Requires Advance Work 43

Joseph J. Honick says companies pursuing international business need to look objectively at abilities.

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(II) The space, beauty and customization Silvercrest puts into its Manor Estate Series of HUD-Code homes enables these luxurious units to serve upscale housing markets.

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(V) Ranked among the top roof truss and wall panel producers, Key Building Components has consistently led the technology envelope to stay ahead.

Experts Offer More Than Exporting Homes to Japan 16

Experts say the window of opportunity for North American companies to export Western-style homes to Japan is narrowing wider. Reasons include January's Kobe earthquake and the falling value of the U.S. dollar lowering the price of American homes.

Canadian Site Builder Gets Out of the Cold 18

(IV) The building season in Edmonton, Alberta, lasts all year long—at least it does for Empire Structures Inc. and the subcontractors working inside this modular home plant.

Deck-Stud Takes Light Steel Framing to New Height 20

(II) (V) New York firm's panelized system meets wind and seismic regulations and can be designed up to 10 stories tall.

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ON THE COVER - (Upper left) Pre-cut, 6,742 sq. ft. palatial residence by Lind Cedar Homes, Seattle. (Upper right) "The Clarence Hill" is a 2,900 sq. ft. modular model by StyleCraft Homes Inc., Alden, NY. (Lower left) Rake saw invented by Leonard Hain is operated by sawyer at Compu-Tech, Fairfield, CA. (Lower right) Component producer Southport Timbers, Southport, Queensland, Australia, utilizes Omni Jet-Set jigging system from Engineering Services Co., Rochester, MN.	
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Intertherm EI Series electric furnaces deliver big power from small package.	

SEPTEMBER 1995 (Vol. 32, No. 9)

ON THE COVER - (Top) Modulars equipped with Standardizing End Frames can be transported overseas on container ships, thus lowering costs. (Left) Officers of the Automated Builders Consortium gather during the group's second-annual convention held in July at Chicago. (Right) Gary Johnson, president & owner of Innovative Steel Systems, Lathrop, CA, next to Knudson roll-forming machine which produces steel studs and truss members.	
6 Inner-City Housing Groups Report Progress to ABC	10
The Automated Builder Consortium's recent second-annual convention featured upbeat reports from six inner-city housing operations. The group dedicated to establishing housing factories to revitalize America's blighted inner-cities, also elected officers.	
Former Wood Wizard Now Works Magic With Steel	18
(V) Gary Johnson, Innovative Steel Systems, Lathrop, CA, sold his highly successful wood component plant and moved into steel. He shows off his new plant and talks about why he made the change.	
American Modulars Help Germany House Refugees	22
(V) Whitley Mfg. Co. has been producing modulars erected in Germany by Modular Engineering to help house Bosnia war refugees.	
Standardizing End Frames: Passport to More Markets	26
(IV) V System lets exporters ship modulars overseas via container ships, thus lowering transportation costs and opening up more markets.	
Desert Homes Merge 3 Elements Into Winning Combo	32
(II) Inventor John H. Hacker's panelized system merges steel framing, cementitious blocks and an insulated foundation.	
Australian Component Plant Uses Subs, Auto-Omni	36
(V) Firm increased output by 300% after hiring subcontractors in the plant and buying an Auto-Omni computer-controlled saw.	
Housing Exporters Report Business Around the World	38
American housing exporters tell Automated Builder where their products are calling home.	
Component Producers Report \$366.7 Million GSV	40
(V) The top companies responding to Automated Builder's survey reported a hefty year-to-year climb in their total gross sales volume.	

OCTOBER 1995 (Vol. 32, No. 9)

ON THE COVER - (Top photos) Dynamic Homes Inc., Detroit Lakes, MN, is celebrating its 25th anniversary. The modular producer stresses quality and marketing. See Page 10. (Lower) Crane erects timber-frame tower produced by Benson Woodworking, Alstead Center, NH, for the new headquarters of King Arthur Flour in Norwich, VT. See Page 30.	
Dynamic Homes: Classic Example of Doing It Right	10
(IV) Completing its 25th year in business, Dynamic Homes Inc., Detroit Lakes, MN, stands as an example of how to do it right in the modular home business.	

Component Courier	13 - 30
(V) Special section previewing the 1995 Building Component Manufacturers Conference Nov. 8-10 in Nashville, TN.	

What Suppliers Are Bringing to BCMC '95	15
Historic Villaume Always Planning for Future	24
(V) Component producer Villaume Industries has been in business for more than a century, and the firm always keeps an eye on the future.	

Flour Company Makes Statement With Timber-Framing	30
(V) Benson Woodworking, Alstead Center, NH, created a unique tower utilizing wood pins and connectors.	

Shipwreck Excavation Reveals Pre-Cut Packages	32
A family of part-time archaeologists make a real score.	

USG Realigns "Sheetrock" MH Support Staff	34
(III) Move will enable firm to better serve manufactured housing industry.	

ATCO Structures: World-Wide Modular Business	36
(VI) This global commercial modular producer started almost 50 years ago leasing 12 trailers parked at a gas station.	

Non-Profit Group Chooses Steel System	44
(II) Habitat for Humanity's Northwest Indiana chapter recently built a house utilizing a system from Inland Steel Co.	

Safety Speed Cut Producing Panel Saws	47
Safety Speed Cut, Anoka, MN, designs its vertical panel saws and routers to be low-cost solutions for cutting large panels.	

Safe Sure's "Steel Buttress System" Finds Big Market	48
The foundation system for HUD-Code homes and modulars is drawing interest for other applications.	

Texas Group Brings "Stranfil" Process to U.S.	50
(V) Straw-based system from Europe makes interior panels.	

HUD-Code Home Producers Report \$6.1 Million GSV	52
(III) <i>Automated Builder's</i> annual industry survey hears from 37 companies.	

NOVEMBER 1995 (Vol. 32, No. 1)

ON THE COVER - (Top) The Invention Convention early September in Pasadena, CA, was a Labor Day tournament of new ideas. (Lower left) <i>Automated Builder</i> writer Andy Turnbull knows from experience that Weatherhaven tent-like structures are warm and quiet in Arctic storms. (Lower right) Workers install header while erecting Dresden steel-frame home in Southern California.	
Two Steel-Frame Panelized Homes Take Center Stage	10
(II) Young homes gave the panelized, Dresden steel-frame system a try right in the middle of a site-built, wood-frame development.	

Invention Convention: Ideas That May Impact Builders	13
<i>Automated Builder</i> looks at some prototypes inventors brought to Pasadena, CA, on Labor Day for their annual show.	

Adventurous Canadian Tents Into Big Business	18
(V) Weatherhaven Resources Ltd. manufactures fabric shelters for isolated camps, and President Jim Allen likes to go to isolated places.	

Permanent Foundation Systems for HUD-Codes Unveiled	26
(II) "Tucker Tripod Stanchions" attach to concrete in the ground and the structure's steel beams. System is designed for Wind Zones I and II.	

Abisko Introduces Subfloor Adhesive and New Caulk	27
(EnerBond SF® sub-floor adhesive and "FoamIt" caulk/sealer are manufactured from polyurethane insulating foam.	

Reports 'Showcase '95 Set for Nov. 16-18 in Pittsburgh	42
(II) (IV) (V) (VI) (VII) The Building Systems Councils of the NAHB will hold their annual convention in the Pittsburgh Hilton & Towers.	

Alaska Cruise Attracts All Industry Segments	44
More than 50 participants joined <i>Automated Builder's</i> Alaska cruise in September. Miss out? Get ready for the Caribbean in March!	

"Fiberfil" Insulation System Fills Holes, Cants Pipes	49
System mixes a water-based, non-toxic binder with standard insulation fibers or loose insulation particles like fiberglass or rockwool.	

Reports From Companies Making Industrialized Housing Go!	50
Alpine Engineered Products Inc.—20; Coastal Industries—38; Duo-Fast Corp.—22; Georgia-Pacific Corp.—32; Hehr International Inc. (Selected states)—34B; Jager Industries Inc.—24; Nordyne, Miller and Intertherm Divisions—30; Senco Products Inc.—28.	

DECEMBER 1995 (Vol. 32, No. 12)

ON THE COVER - (L-R) Dan and Camilla Hurwitz, founders of On-Line Data, Richardson, TX, and Phil Zwart, vice president of technical services, have won the 1995 James R. Price/AUTOMATED BUILDER Achievement in Housing Award.	
1995 Achievement in Housing Award Winners	10
(V) On-Line Data's Dan and Camilla Hurwitz and Phil Zwart are honored for bringing computer technology to the truss industry.	

Previous Winners of the Achievement in Housing Award	12
Architect Sees Japan as Golden Profit Opportunity	

Japan represents an opportunity for American building product and home producers, says Transpacific Housing Systems president.	
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Sure Safe's Softball Team Wins Seniors Championship	16
Provider Technology: The Future of Home Building?	

(II) Architect Roger Rasbach has been developing his environment-friendly Provident Home building technology for 25 years.	
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Inner-City Housing Movement: Cleveland, Phoenix	20
(II) (IV) A group led by an economist and business consultant is working to establish an inner-city housing factory in Cleveland. Meanwhile, a downtown Phoenix, AZ, development is selling out fast.	

California: Safer Foundations for Mobiles, Modulars	25
(III) (IV) California has enacted legislation regulating seismic resistance of foundations for portable classrooms and mobile and HUD-Code homes. Executives are developing financing programs to help buyers more easily acquire the foundations.	

Fleetwood Offering Porches on HUD-Code Homes	28
(III) Fleetwood's plant in Waco, TX, is offering porches built with Southern pine as an option on its HUD-Code homes.	

Top Industrialized Builders: \$7.94 Billion GSV in '94	34
<i>AUTOMATED BUILDER's</i> Top 100 Industrialized Builders, gleaned from industry-segment surveys conducted throughout the year, combined for a \$7.94 billion gross sales volume last year.	

Sun Tunnel Skylight Uses Flexible Tube, Diffuser	42
Louisville Show: "The Best Mix for 1996"	43

(II) The Louisville Manufactured Housing Show is set for Jan. 17-19 at the Kentucky Fair & Exposition Center, organizers report.	
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